

FIG. 1A

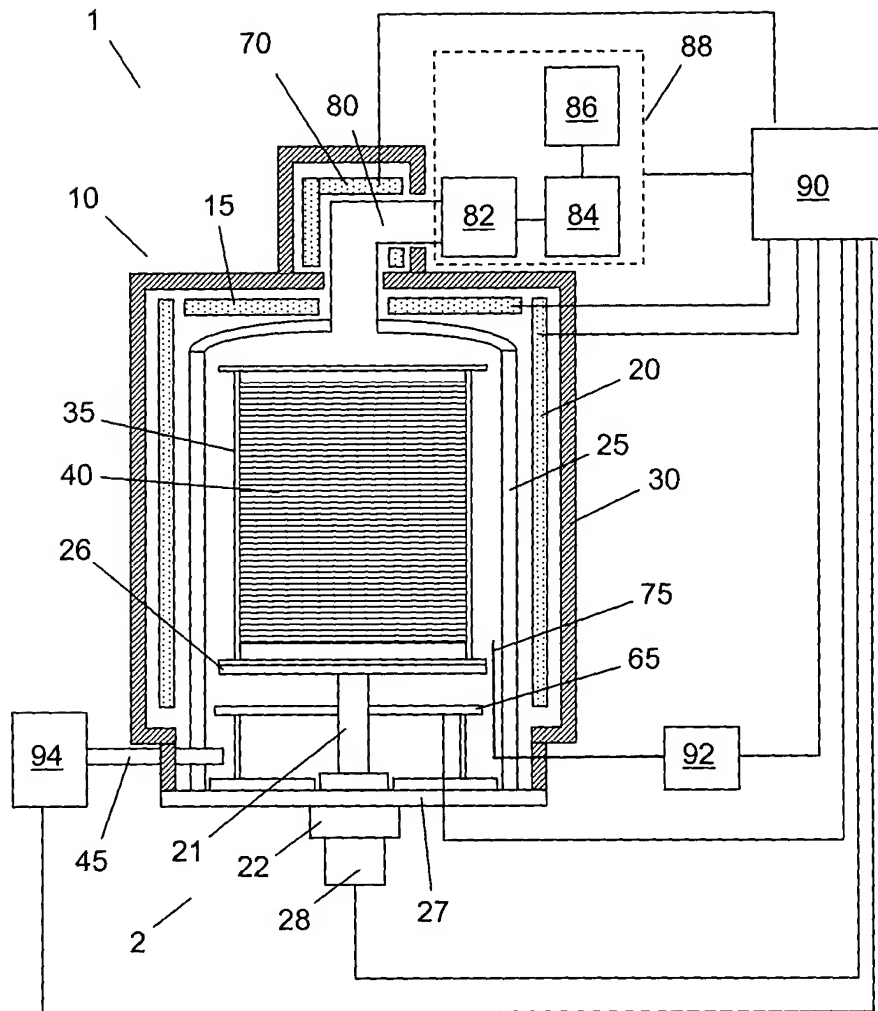


FIG. 1B

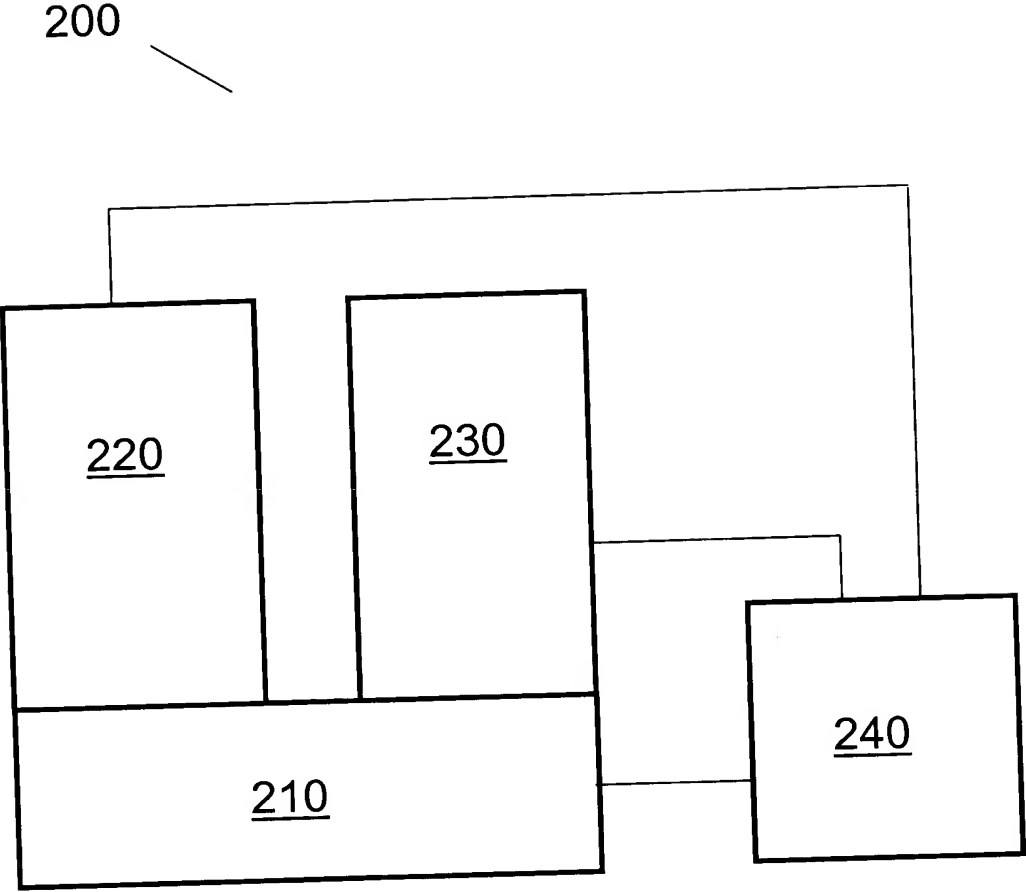


FIG. 2

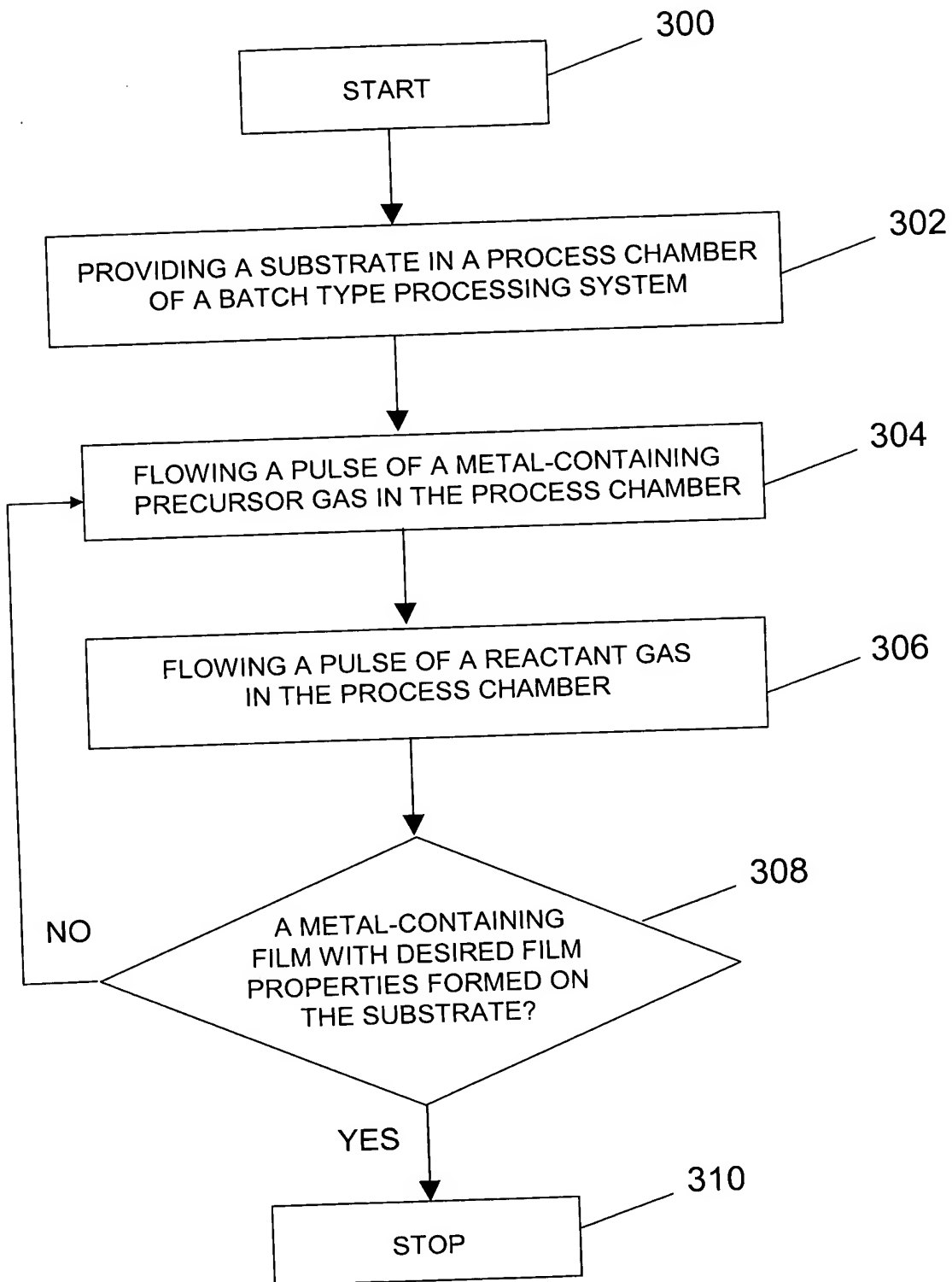


FIG. 3A

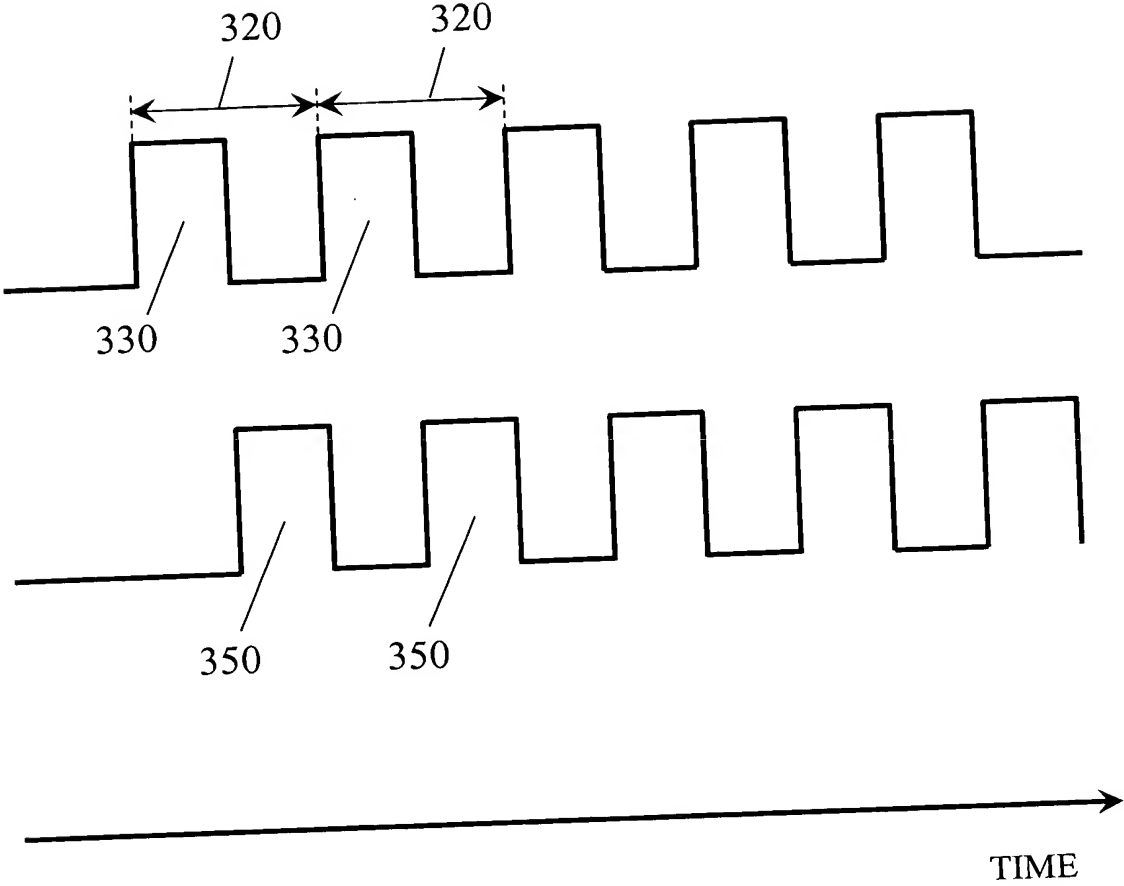


FIG. 3B

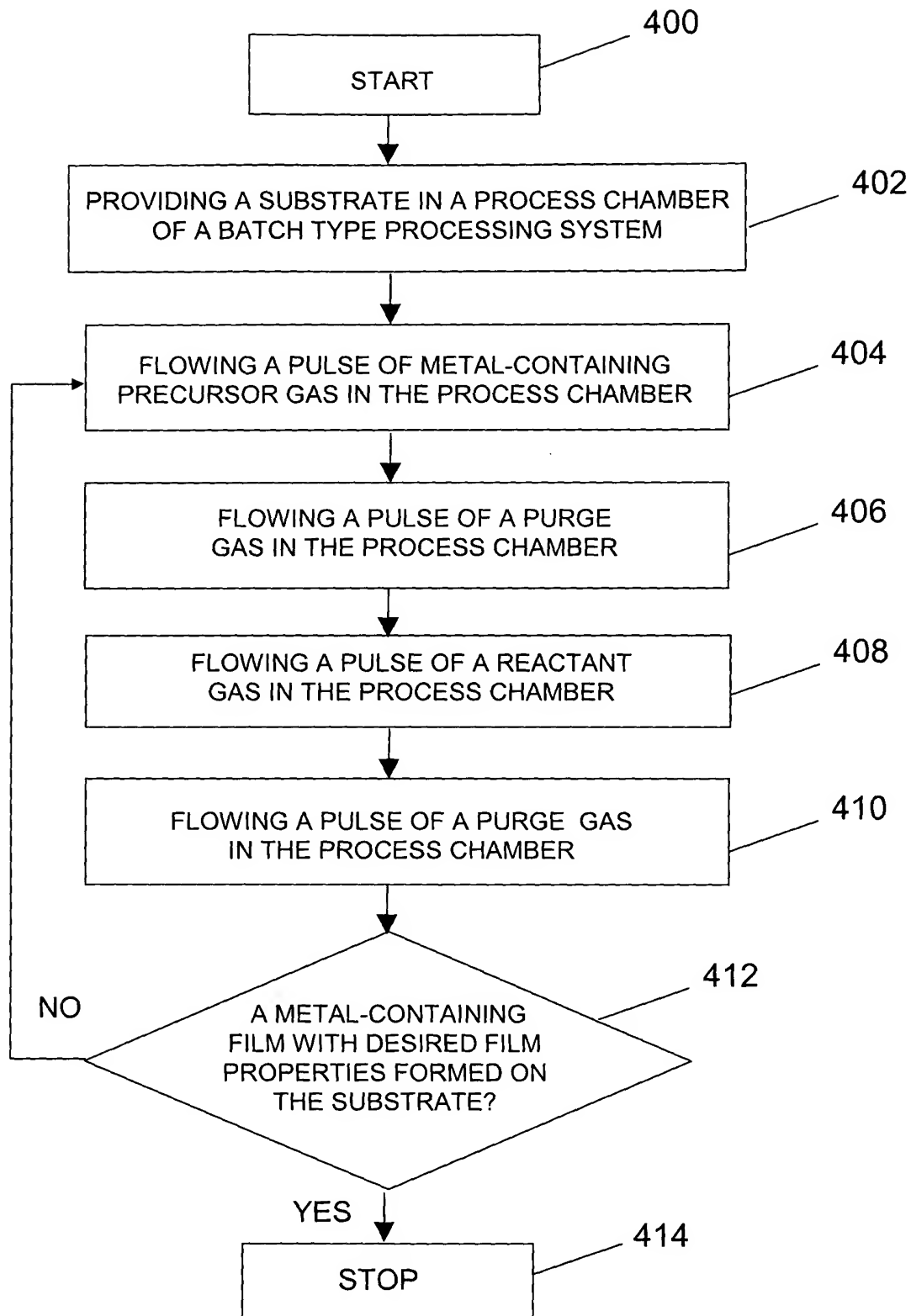


FIG. 4A

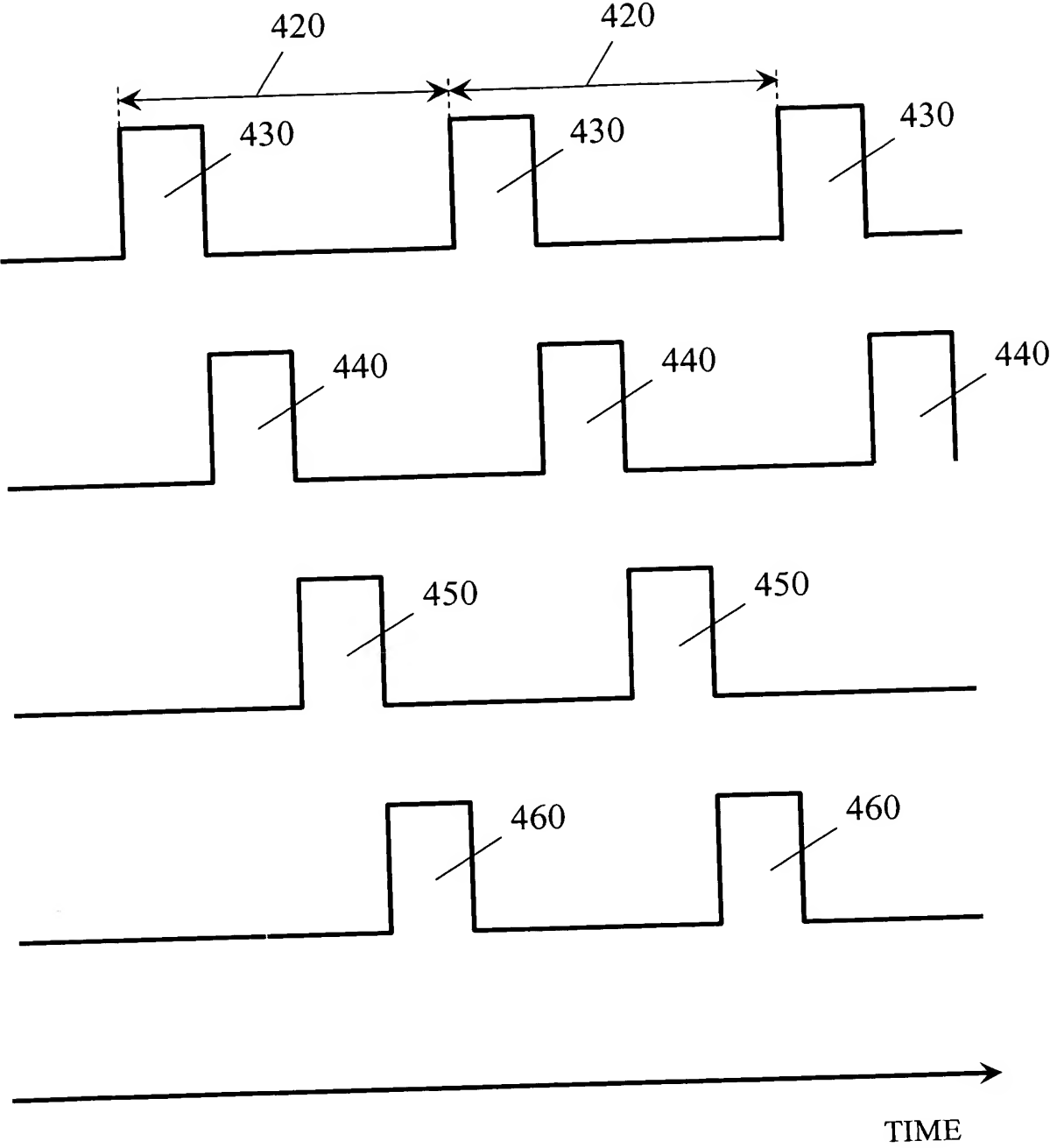


FIG. 4B

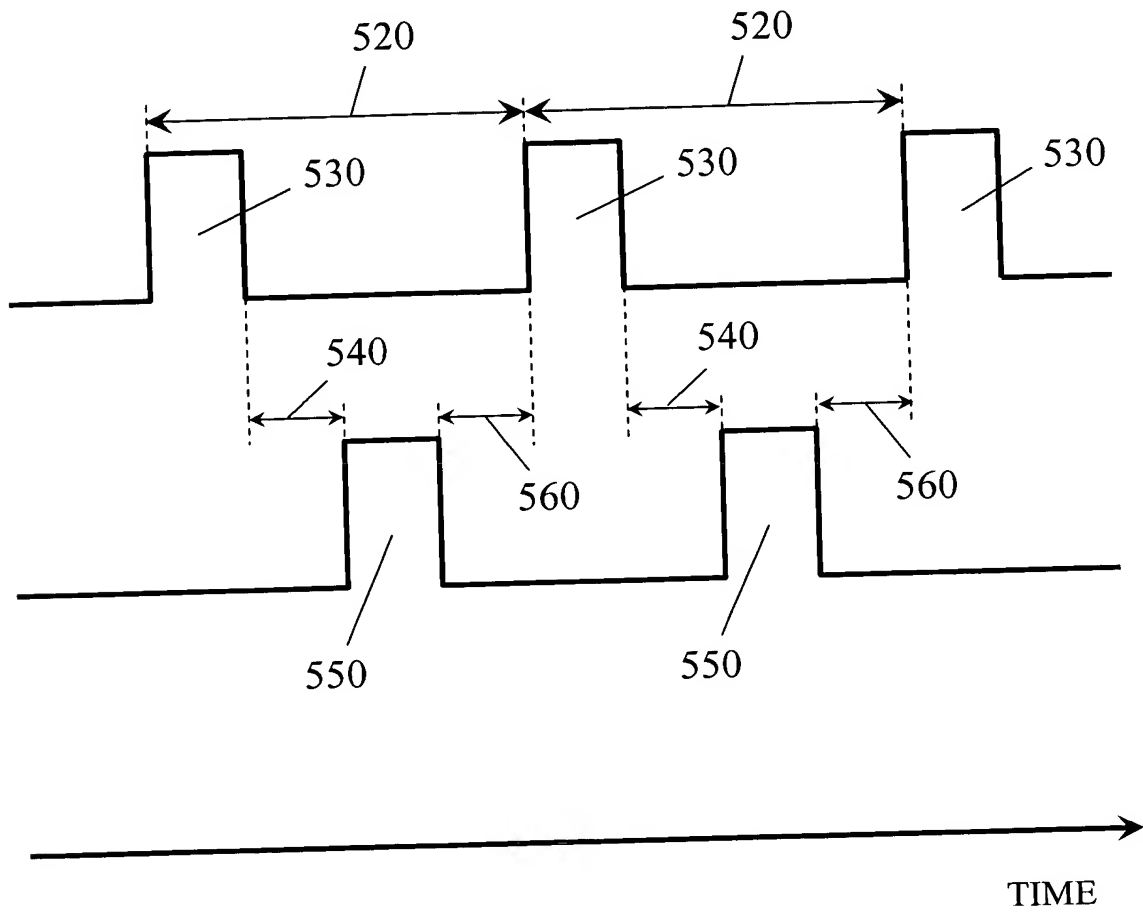


FIG. 5



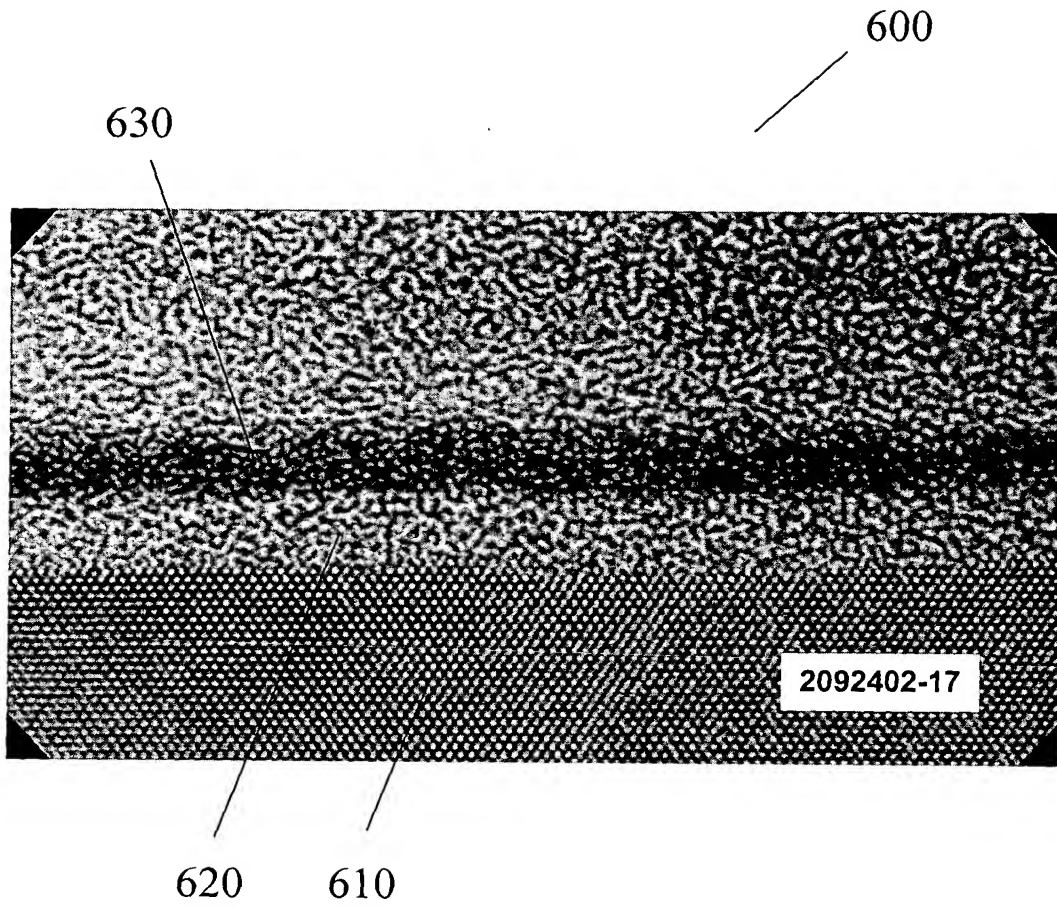


FIG. 6

HfO<sub>2</sub> Metrology Comparison  
SSM 610 (EOT) vs. Thermawave Optiprobe  
 $N_{\text{thermawave}} = 2.08$

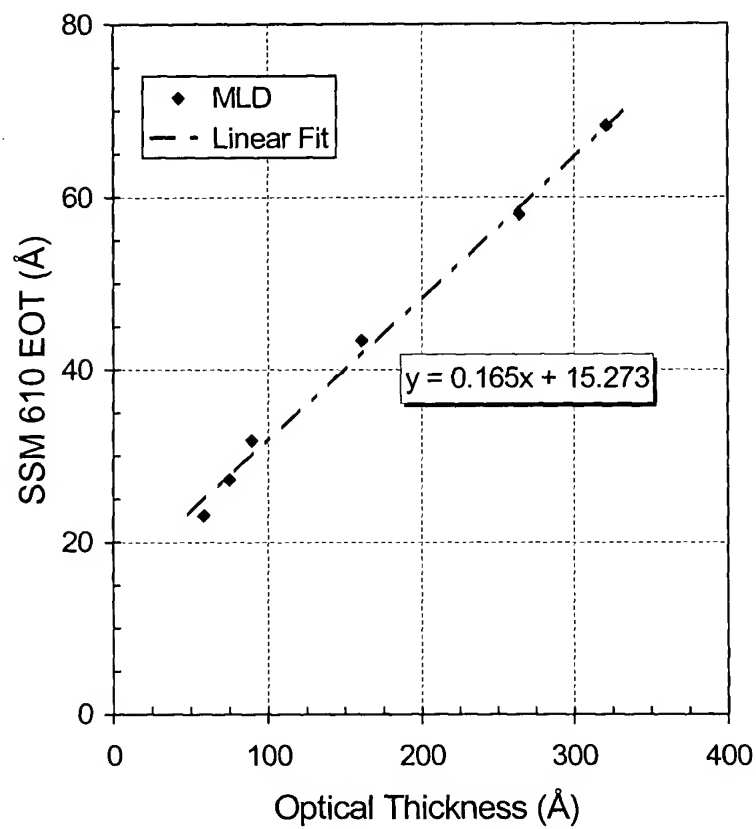


FIG. 7

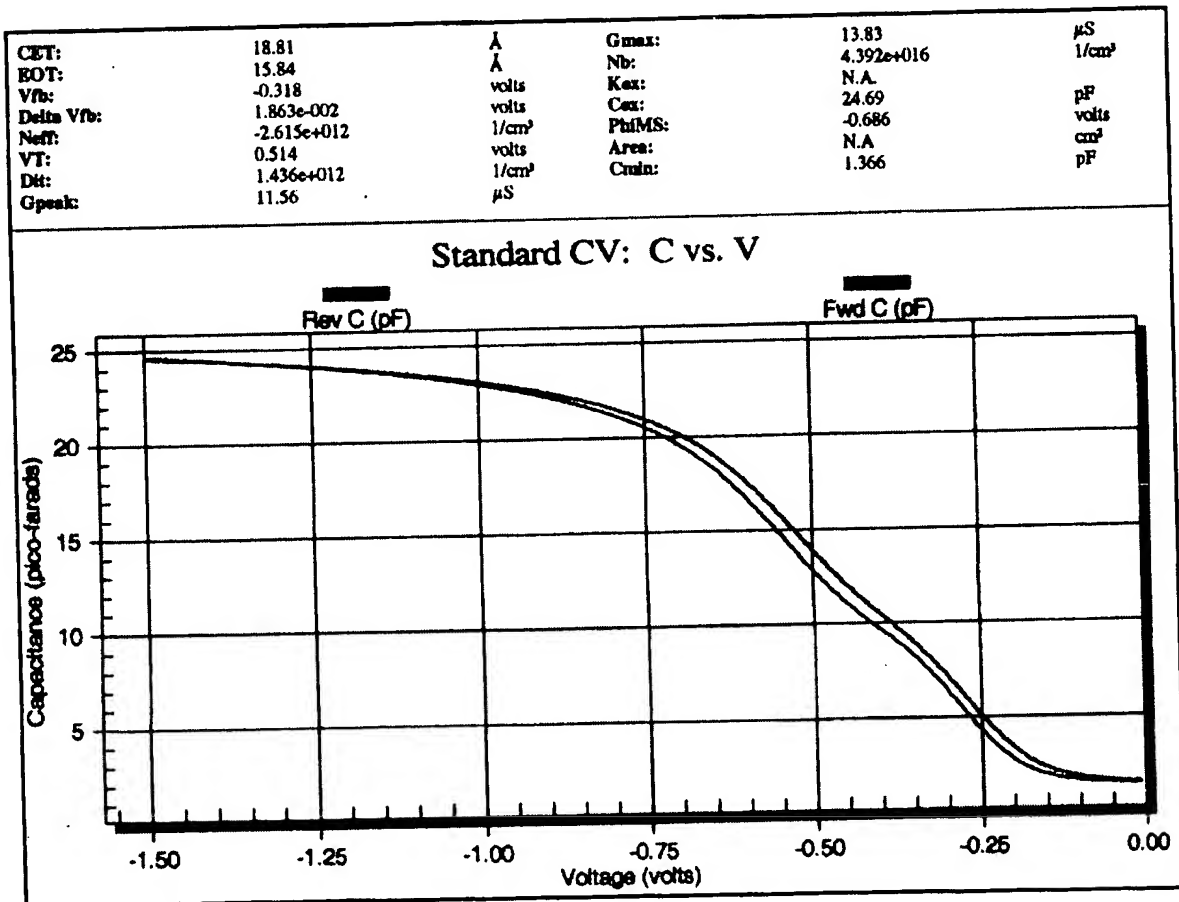
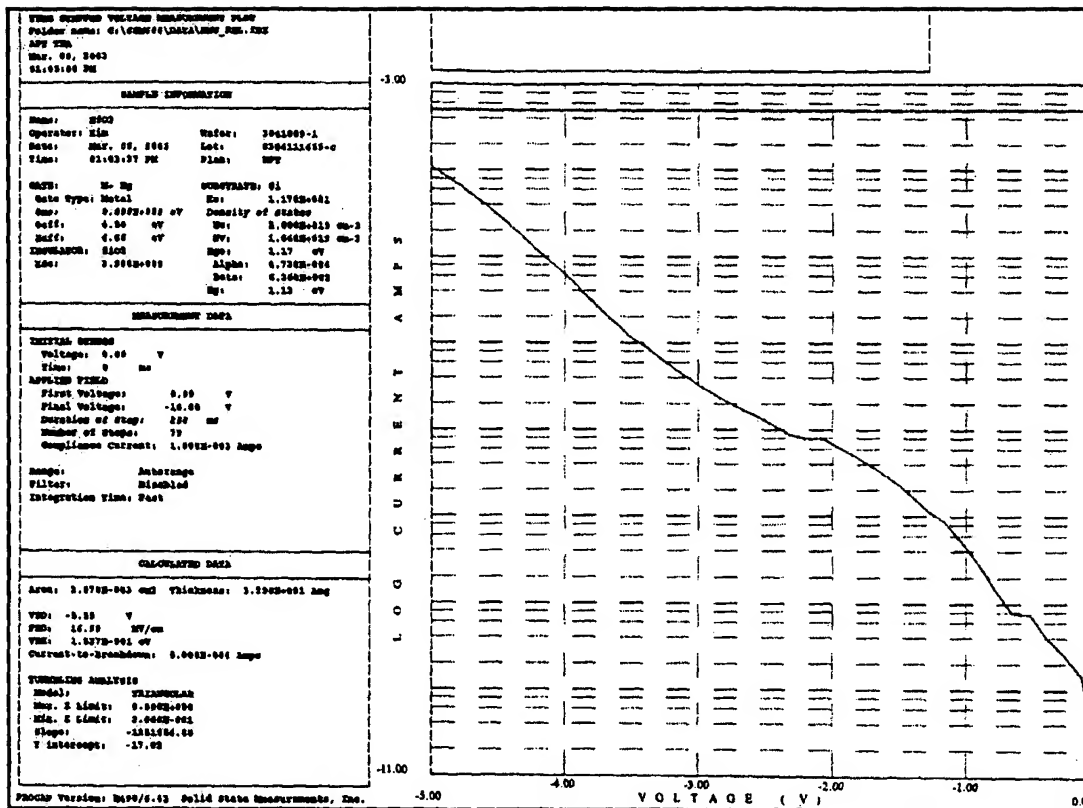


FIG. 8



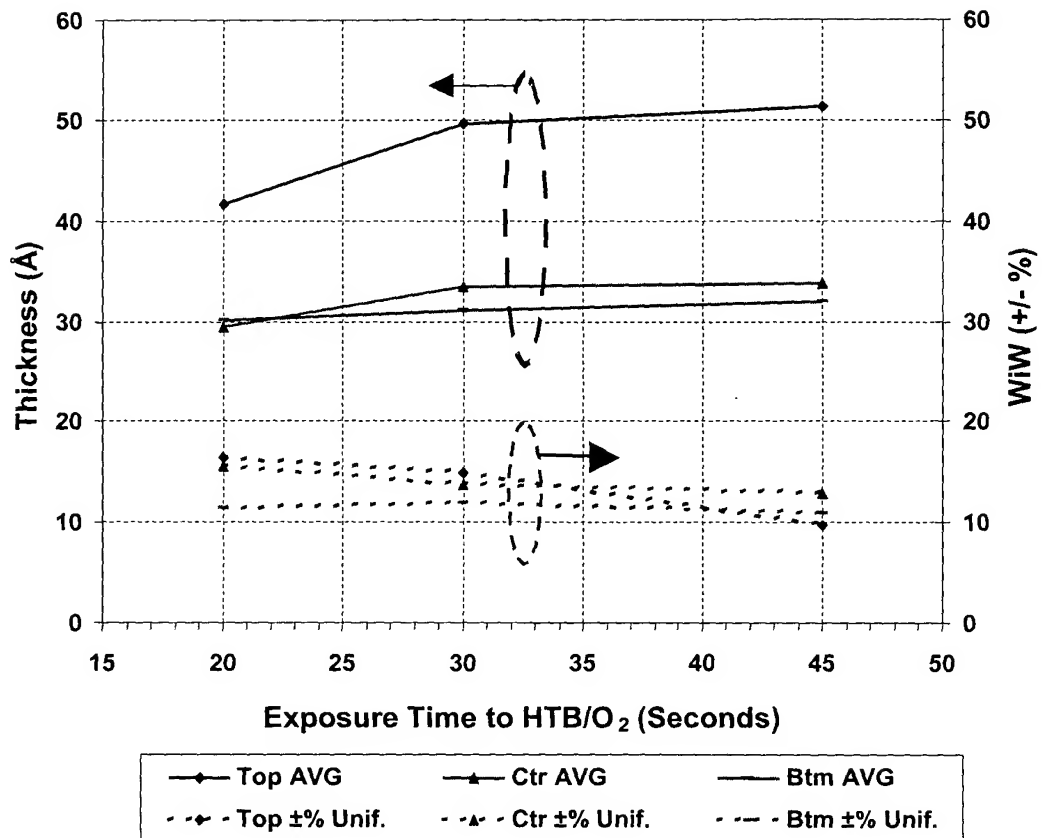


FIG. 10

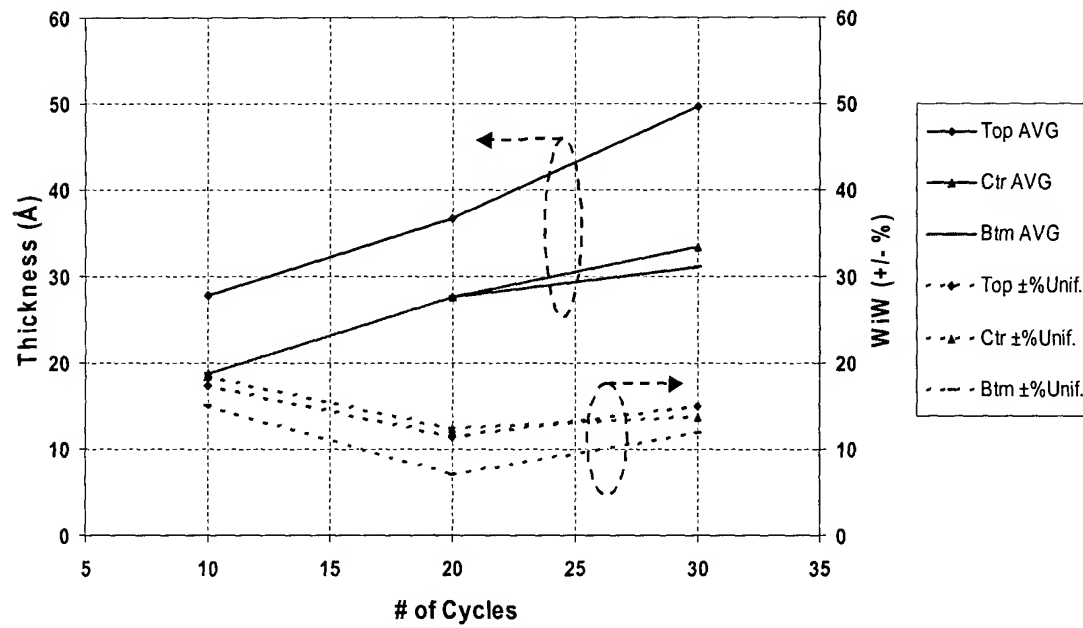


FIG. 11

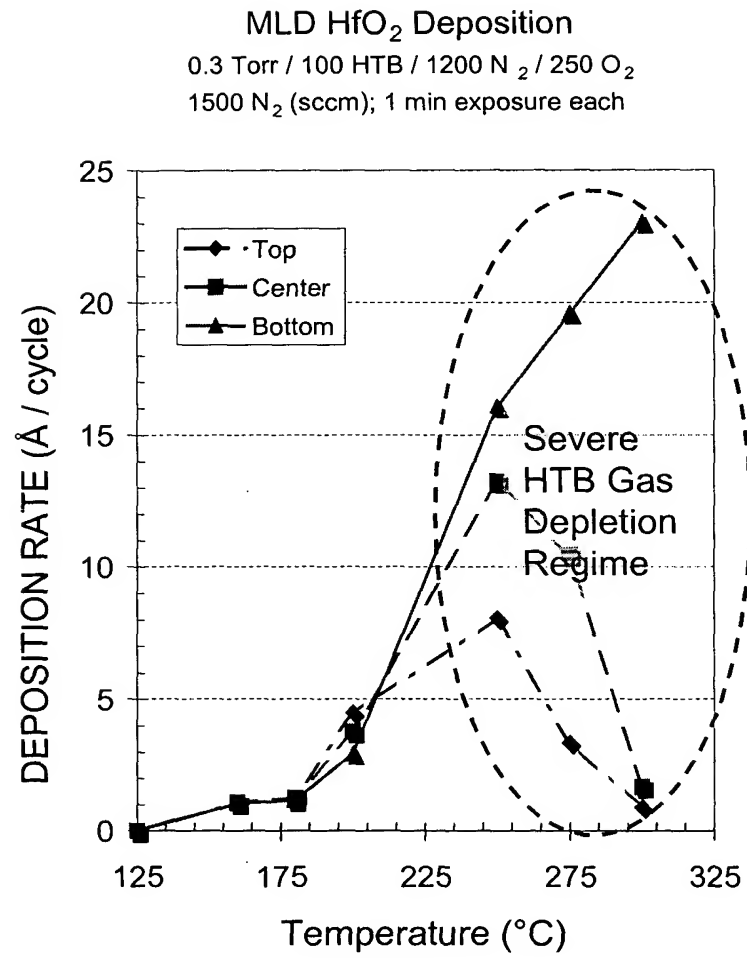


FIG. 12A

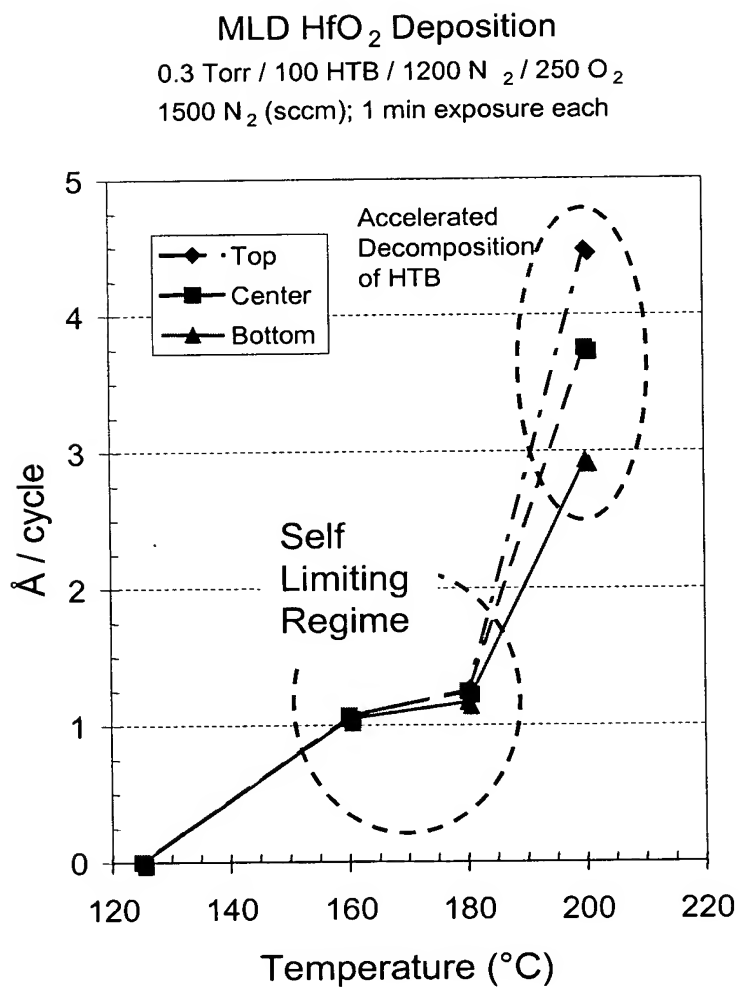


FIG. 12B



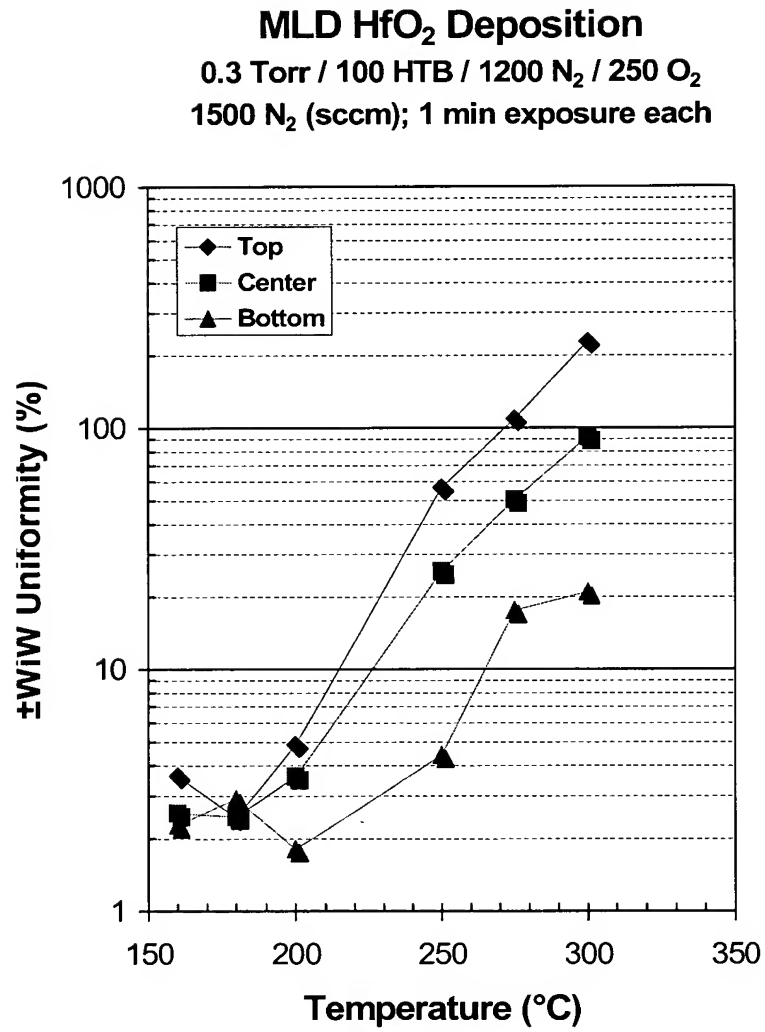


FIG. 13

FIG. 14

